

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 April 2024 (04.04.2024)



(10) International Publication Number
WO 2024/073106 A8

(51) International Patent Classification:

A61K 31/395 (2006.01) A61K 31/16 (2006.01)
A61K 31/4192 (2006.01) A61K 31/33 (2006.01)

(21) International Application Number:

PCT/US2023/034219

(22) International Filing Date:

29 September 2023 (29.09.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/411,550 29 September 2022 (29.09.2022) US

(71) Applicants: TRACT PHARMACEUTICALS, INC.

[US/US]; 29 South Main Street, Ste. 305, West Hartford, Massachusetts 06107 (US). TRUSTEES OF TUFTS COLLEGE [US/US]; Ballou Hall, Medford, Massachusetts 02155 (US).

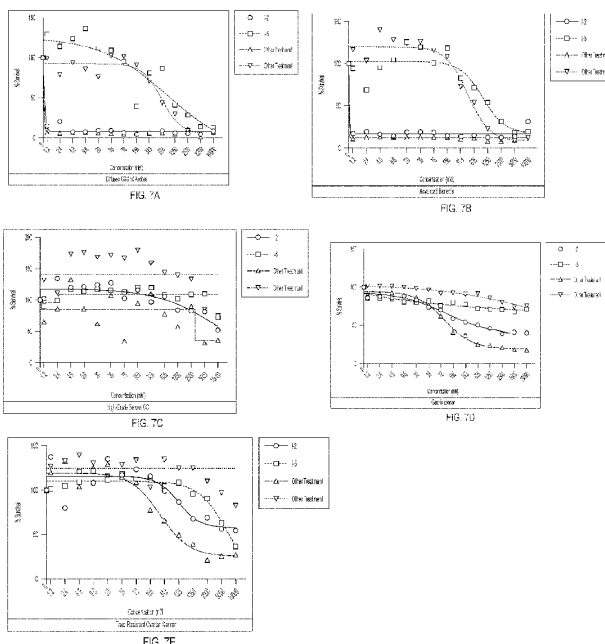
(72) Inventors: RUSSELL, Richard E.; c/o Tract Pharmaceuticals, Inc., 29 South Main Street, Ste. 305, West Hartford, Connecticut 06107 (US). BACHOVCHIN, William W.; c/o Trustees of Tufts College, Ballou Hall, Medford, Massachusetts 02155 (US).

o Trustees of Tufts College, Ballou Hall, Medford, Massachusetts 02155 (US). LAI, Hung-Sen; c/o Trustees of Tufts College, Ballou Hall, Medford, Massachusetts 02155 (US). WU, Wengen; c/o Trustees of Tufts College, Ballou Hall, Medford, MA 02155 (US).

(74) Agent: VETTER, Michael L. et al.; CHOATE, HALL & STEWART LLP, Two International Place, Boston, Massachusetts 02110 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(54) Title: COMPOUNDS AND COMPOSITIONS USEFUL AS INHIBITORS OF IAPs



(57) Abstract: The present disclosure provides compounds, pharmaceutically acceptable compositions thereof, and methods of using the same.

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(48) Date of publication of this corrected version:

07 November 2024 (07.11.2024)

(15) Information about Correction:

see Notice of 07 November 2024 (07.11.2024)